

Docket No. F-8866

Ser. No. 10/554,037

**ABSTRACT OF THE DISCLOSURE**

A power generating system includes a power generator generating DC power, and an inverter circuit for converting DC power into AC power. The power generator has a plurality of power generating modules each including a plurality of power generating units and at least one electric storage device connected to each of the plurality of power generating modules. A plurality of first switch devices connect/disconnect each of positive electrodes of the plurality of power generating modules to/from a positive bus, a plurality of second switch devices connect/disconnect each of the positive electrodes of the plurality of power generating modules to/from negative electrodes of the power generating modules which are contiguous to one side, a plurality of third switch devices connect/disconnect each of the negative electrodes to/from a negative bus, and the DC output voltage can be increased/decreased stepwise by switching the switch devices.